

UNIFORM, NON-DISRUPTIVE, AND RADIOMETRICALLY ACCURATE CALIBRATION
OF INFRARED FOCAL PLANE ARRAYS USING GLOBAL SCENE MOTION

ABSTRACT

5 A method of generating an image sequence that includes the steps of detecting scene
irradiance using detectors in a focal plane array, generating an output image sequence for each of
the detectors based on the detected irradiance, and correcting the output image sequence
generated by a first subset of detectors in the focal plane array and the output image sequence
generated by a second subset of detectors in the focal plane array using the correction provided
10 to the first subset of detectors.